

Title (en)
COIN HANDLING DEVICE

Title (de)
MÜNZVERARBEITUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE MANIPULATION DE PIECES

Publication
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Application
EP 99909185 A 19990317

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Abstract (en)
[origin: EP1014313A1] A coin handling device, as a first invention, comprising a cable (20), a liquid guide means (61) for guiding liquid falling via a cable guide hole (10a) into a device body (2), a liquid storing means (62) and a liquid discharging means (63). A coin handling device, as a second invention, wherein a coin selection unit (101, 201) comprising a coin guide means (181), a liquid collecting means (182) and a liquid discharging means (183) is equipped with a liquid flow-in means (184) for allowing liquid falling via the coin guide means (181) to flow into those portions of the coin selection unit (101, 201) other than the liquid collecting means (182), a liquid passing means (185) and a liquid flow-out means (186, 216) for continuously feeding the passed liquid to the liquid discharging means (183). <IMAGE>

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G07D 9/00; G07F 1/02

IPC 8 full level
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G07F 1/02 (2013.01 - EP KR US); **G07F 1/045** (2013.01 - EP KR US); **G07F 9/00** (2013.01 - EP KR US)

Citation (search report)
• [Y] JP H0161778 U 19890419
• [Y] US 2402840 A 19460625 - OLLEY RAYMOND H
• [A] US 2711438 A 19550621 - BISSELL CARL H
• [A] US 4467136 A 19840821 - WIUM EIGIL [US]
• [XA] EP 0560370 A2 19930915 - NIPPON CONLUX CO LTD [JP]
• [XA] US 4346798 A 19820831 - AGEY III DAVIS M
• [A] US 5027937 A 19910702 - PARISH STANLEY G [US], et al
• [A] US 4230213 A 19801028 - SPRING CARL E
• [A] US 2865561 A 19581223
• [AP] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14 31 December 1998 (1998-12-31)
• [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 269 (P - 1059) 11 June 1990 (1990-06-11)
• [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 205 (P - 1353) 15 May 1992 (1992-05-15)
• See references of WO 9948061A1

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